

Windmüller & Hölscher KG  
Münsterstrasse 50  
49525 Lengerich/Westfalen

November 6, 2002

Our reference: 8392 DE

---

Cleaning of rollers in printing machines

---

Abstract

The invention concerns a process for the cleaning of components of rollers that are involved in the printing process. The cleaning process involves supplying solvents to these rollers that remain in the printing machine while being cleaned. The cleaning of components of the rollers that are involved in the printing process takes place by a process in which first the printing ink is removed from the blade chamber and the blade chamber is filled with solvent. During the cleaning an active connection is maintained between the blade chamber and the uncleaned components of the rollers that are involved in the printing process. This active connection does not interfere with the transfer of the solvent. The rollers rotate during the cleaning process so that solvent is transferred from the blade chamber onto the uncleaned components of the rollers that are involved in the printing process. When the solvent arrives on the roller components the printing ink is diluted there and/or dried printing ink is dissolved and are transported back into the blade chamber by the rotation of the rollers.

(Figure 2)